

ASH GROVE CEMENT COMPANY



"WESTERN REGION"

October 19, 1994

Mr. Fred Austin
Puget Sound Air Pollution Control Agency
110 Union Street, Suite 500
Seattle, WA. 98119-3958

Re: Notice of Construction application to modify PSAPCA NOC No.2399

Dear Mr. Austin,

Enclosed is a Notice of Construction application to modify current PSAPCA NOC No.2399 dated February 28, 1983 to encompass barge unloading, transfer and stockpiling of solid raw materials and fuels used in the manufacturing of Portland Cement; including conveyors and 3 baghouses existing prior to 1983.

The application includes the addition of three covered 36" conveyor to the existing raw material conveyance system addressed by NOC No.2399 for transferring these materials to the relocated storage yard near the dock at Ash Grove's facility at 3801 East Marginal Way So., Seattle WA.

If you have any questions regarding this information, please call me .

Yours truly,

Gerald J. Brown
Manager, Safety and Environmental

cc: Ed Pierce
Ralph Jones

AGCS2M002457



PUGET SOUND AIR POLLUTION CONTROL AGENCY

ENGINEERING DIVISION

110 Union Street, Suite 500 • Seattle, WA 98101-2038

Telephone: (206) 689-4052

Notice of Construction and Application for Approval

FORM P
SIDE 1

Be sure to complete items 39, 40, 41, & 43 before submitting Form P.

(AGENCY USE ONLY)

DATE _____ N/C NUMBER _____
REG. NO. _____ VAR. NO. _____
SIC. NO. _____ COS. NO. _____
GRID NO. _____ UTM _____

1. TYPE OF BUILDING (Check) <input checked="" type="checkbox"/> New <input type="checkbox"/> Existing	2. STATUS OF EQUIPMENT (Check) <input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> Altered <input type="checkbox"/> Relocation	7. APPLICANT SAME
3. COMPANY (OR OWNER) NAME ASH GROVE CEMENT COMPANY		8. APPLICANT ADDRESS
4. COMPANY (OR OWNER) MAILING ADDRESS 3801 E. MARGINAL WAY S		9. INSTALLATION ADDRESS
5. NATURE OF BUSINESS CEMENT MANUFACTURING		10. TYPE OF PROCESS

EQUIPMENT (ENTER ONLY NEW EQUIPMENT OR CHANGES. ENTER NUMBER OF UNITS OF EQUIPMENT IN COLUMN 'NO. OF UNITS.' COMPLETE FORM 'S' FOR EACH ENTRY.)

11. NO. OF UNITS	SPACE HEATERS OR BOILERS (Complete Form S-A)	14. NO. OF UNITS	OVENS	15. NO. OF UNITS	MECHANICAL EQUIP.	16. NO. OF UNITS	MELTING FURNACES
(a) _____		(a) _____	CORE BAKING OVEN	(a) _____	AREAS	(a) _____	POT
12. NO. OF UNITS	INCINERATORS (Complete Form S-B)	(b) _____	PAINT BAKING	(b) <u>3</u>	BULK CONVEYOR	(b) _____	REVERBERATORY
(c) _____		(c) _____	PLASTIC CURING	(c) _____	CLASSIFIER	(c) _____	ELECTRIC INOC/RESIST
(d) _____		(d) _____	LITHO COATING OVEN	(d) _____	STORAGE BIN	(d) _____	CRUCIBLE
13. NO. OF UNITS	OTHER SYSTEMS	(e) _____	DRYER	(e) _____	BAGGING	(e) _____	CUPOLA
(a) _____		(f) _____	ROASTER	(f) _____	OUTSIDE BULK STORAGE	(f) _____	ELECTRIC ARC
(b) _____	DEGREASING, SOLVENT	(g) _____	KILN	(g) _____	LOADING OR UNLOADING	(g) _____	SWEAT
(c) _____	ABRASIVE BLASTING	(h) _____	HEAT-TREATING	(h) _____	BATCHING	(h) _____	OTHER METALLIC
(d) _____	OTHER - SYSTEM	(i) _____	OTHER	(i) _____	MIXER (SOLID)	(i) _____	GLASS
		(j) _____		(j) _____	OTHER	(j) _____	OTHER NON METALLIC

17. NO. OF UNITS	GENERAL OPER. EQUIP.	17. NO. OF UNITS	GENERAL OPER. EQUIP.	17. NO. OF UNITS	GENERAL OPER. EQUIP.	18. NO. OF UNITS	OTHER EQUIPMENT
(a) _____	CHEMICAL MILLING	(f) _____	GALVANIZING	(k) _____	ASPHALT BLOWING	(a) _____	SPRAY PAINTING GUN
(b) _____	PLATING	(g) _____	IMPREGNATING	(l) _____	CHEMICAL COATING	(b) _____	SPRAY BOOTH OR ROOM
(c) _____	DIGESTER	(h) _____	MIXING OR FORMULATING	(m) _____	COFFEE ROASTER	(c) _____	FLOW COATING
(d) _____	DRY CLEANING	(i) _____	REACTOR	(n) _____	SAWS & PLANERS	(d) _____	FIBERGLASSING
(e) _____	FORMING OR MOLDING	(j) _____	STILL	(o) _____	STORAGE TANK	(e) _____	OTHER

CONTROL DEVICES (ENTER NUMBER OF UNITS OF EQUIPMENT IN SPACES IN COLUMNS. COMPLETE A FORM R FOR EACH ENTRY.)

19. NO. OF UNITS	CONTROL DEVICE	20. NO. OF UNITS	CONTROL DEVICE	21. NO. OF UNITS	CONTROL DEVICE	22. NO. OF UNITS	CONTROL DEVICE
(a) _____	SPRAY CURTAIN	(a) _____	AIR WASHER	(a) _____	ABSORBER	(a) _____	DEMISTER
(b) _____	CYCLONE	(b) _____	WET COLLECTOR	(b) _____	ADSORBER	(b) _____	BAGHOUSE
(c) _____	MULTIPLE CYCLONE	(c) _____	VENTURI SCRUBBER	(c) _____	FILTER PADS	(c) _____	ELEC. PRECIPITATOR
(d) _____	INERTIAL COLL. - OTHER	(d) _____		(d) _____	AFTERBURNER	(d) _____	OTHER

23. BASIC EQUIPMENT COST (Estimate) \$225,000	24. CONTROL EQUIPMENT COST (Estimate)	25. DAILY HOURS AS REQUIRED FROM _____ AM TO _____ PM	26. DAYS OF OPERATION (Circle) S M T W T F S
27. ESTIMATED STARTING DATE OF CONSTRUCTION: DECEMBER, 1994		28. ESTIMATED COMPLETION DATE OF CONSTRUCTION: MARCH, 1995	
29. RAW MATERIALS (List starting material used in process) AND FUELS (Type and amount)	ANNUAL AMT. UNITS	30. PRODUCTS (List End Products)	ANNUAL PROD. UNITS

Notice of Construction Application

FORM P

STACKS OR VENTS (LIST NUMBER, TYPE, AND SIZE OF VENT)

31. NO. OF UNITS	DESCRIPTION OF OPENING	32. HEIGHT ABOVE GRADE (FT.)	33. VOLUME EXHAUSTED (ACFM)	DIMENSIONS (INCHES)	
				34. LENGTH (OR DIAM)	35. WIDTH
(a)	STACKS				
(b)	FLUES				
(c)	PROCESS OR GENERAL EXHAUST				
(d)	PROCESS OR GENERAL VENTS				
(e)	SKYLIGHT OR WINDOW				
(f)	EXHAUST HOOD				
(g)	OTHER				

FLOW DIAGRAM

36. FLOW DIAGRAM INSTRUCTIONS:

- FLOW DIAGRAM MAY BE SCHEMATIC. ALL EQUIPMENT SHOULD BE SHOWN WITH EXISTING EQUIPMENT SO INDICATED.
- SHOW FLOW DIAGRAM OF PROCESS STARTING WITH RAW MATERIALS USED AND ENDING WITH FINISHED PRODUCT.
- IF MORE THAN ONE PROCESS IS INVOLVED TO MAKE FINISHED PRODUCT, SHOW EACH PROCESS AND WHERE THEY MERGE.
- INDICATE ALL POINTS IN PROCESS WHERE GASEOUS OR PARTICULATE POLLUTANTS ARE EMITTED.
- FLOW CHART CAN BE ATTACHED SEPARATELY IF NECESSARY. (DRAWINGS MAY BE SUBMITTED INSTEAD IF DESIRED).
- SHOW PICKUP AND DISCHARGE POINTS FOR HANDLING OR CONVEYING EQUIPMENT.

SEE PLAN

37. LIST OF ATTACHMENTS AND ACCOMPANYING DATA OR COMMENTS:

FORM R, FORM S, ENVIRONMENTAL CHECKLIST, SITE PLAN, PLOT PLAN, SECTION PLAN

38. CERTIFICATION:

I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED IN THIS APPLICATION AND THE ACCOMPANYING FORMS, PLANS, AND SUPPLEMENTAL DATA DESCRIBED HEREIN IS, TO THE BEST OF MY KNOWLEDGE, ACCURATE AND COMPLETE.

39. SIGNATURE <i>Gerald J. Brown</i>	40. DATE 10/19/94
41. TYPE OR PRINT NAME Gerald J. Brown	42. TITLE Mgr Safety + Env
	43. PHONE 623-5596

AGCS2M002459

SEA0862

PUGET SOUND AIR POLLUTION CONTROL AGENCY
 Engineering Division ■ 110 Union Street, Room 500 ■ Seattle, Washington 98101-2038 ■ (206) 689-4052
NOTICE of CONSTRUCTION & APPLICATION for APPROVAL

FOR AIR POLLUTION CONTROL EQUIPMENT ONLY

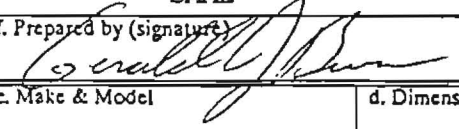
FORM R

For Agency Use

Date: _____

N/C# _____

*Note: Information required by Section 1a must be completed for this form to be accepted for review.

1	a. Complete the Sections Indicated* <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12		b. Company (or owner) Installation Address 3801 E MARGINAL WAY SOUTH, SEATTLE, WA 98134	
	c. Company (or owner) Name ASH GROVE CEMENT COMPANY		d. Applicant SAME	
e. Prepared by (name and title) GERALD J BROWN, MGR. SAFETY/ENVIRONMENTAL		f. Prepared by (signature) 		g. Phone 623-5596
2	a. AIR POLLUTION CONTROL EQUIPMENT		b. Type of Equipment	c. Make & Model
	e. Number of Units		f. Capacity	g. Auxiliary Equipment
3	a. BAGHOUSE		b. Number of Bags	c. Shaking Cycle (auto or manual rapping or reverse air)
	e. Material Used		f.	g. Air-to-Cloth Ratio (ft/minute)
4	a. ELECTROSTATIC PRECIP.		b. Electrode Separation (ft)	c. Coll. Electrode Dimensions LxW (ft)
	e. Area (sq ft)		f. Voltage	g. Coll. Electrode or Plate Area (sq ft)
5	a. BURNERS		b. Type of Burner, Fuel	c. Make & Model
	e. Number of Units; Ignition		f.	g. CFM Exhausted (Temperature) _____ (____ °F)
6	a. STACKS, VENTS		b. Type of Vent	c. Dimensions (LxWxH)
	e. No. of Vents; Material Used		f.	g. CFM Exhausted (Temperature) _____ (____ °F)
7	a. SCRUBBERS		b. Type of Flow (spray, bubbler)	c. Packing Type/Size
	e. Composition of Solution		f.	g. Flow Rate (GPM)
8	a. FANS		b. Type of Fan (designate blade)	c. Make & Model
	e. Number of Fans; Material Used		f.	g. CFM Exhausted (Temp @ SP) _____ (____ °F)
9	a. CYCLONES		b. Type of Cyclone <input type="checkbox"/> Common <input type="checkbox"/> Split Duct <input type="checkbox"/> Multiclone	c. Make & Model
	e. Number of Units; Material Used		f. Body Dia. (in.) Outlet Dia. (in.)	g. Body Height (in.) Efficiency
10	a. COLLECTION DATA		b. Description of Collected Matl.	c. Amount Collected (lbs/day)
	e. Types of Pollutants <input type="checkbox"/> Gas <input type="checkbox"/> Particulate <input type="checkbox"/> Odor		f.	g. Collection Efficiency
11	a. GAS FLOW		b. Actual CFM	c. SCFM (Reg I Standard)
	e. Pressure Drop		f. Efficiency	g. Inlet and Outlet Pollutant Concentrations
12	a. ADDITIONAL DATA		b. <input type="checkbox"/> Attach Brochure	c. <input type="checkbox"/> Attach Plans/Specs
	e. <input type="checkbox"/> Submit Narrative Description of Process		f. <input type="checkbox"/> Submit Source Test Data	g. <input type="checkbox"/> Submit Modeling Data
l. <input type="checkbox"/>		k. <input type="checkbox"/>		h. <input type="checkbox"/> Attach Emission Estimate (show calculation)
				i. <input type="checkbox"/> Attach Schedule of Equipment with Make, Model, Capacity

PUGET SOUND AIR POLLUTION CONTROL AGENCY
 Engineering Division ■ 110 Union Street, Suite 500 ■ Seattle, Washington 98101-2038 ■ (206) 689-4052
NOTICE of CONSTRUCTION & APPLICATION for APPROVAL

FOR BASIC PROCESS EQUIPMENT

FORM S

For Agency Use:

Date: _____ N/C# _____

*Note: Information required by Section 1a must be completed for this form to be accepted for review.

1	a. Complete the Sections Indicated* <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12	b. Company (or owner) Installation Address 3801 E MARGINAL WAY SOUTH SEATTLE, WA 98134	
	c. Company (or owner) Name ASH GROVE CEMENT COMPANY	d. Applicant SAME	
	e. Prepared by (name and title) GERALD J BROWN	f. Prepared by (signature) <i>Gerald J Brown</i>	g. Phone 623-5596
2	a. PROCESS EQUIPMENT	b. Title SOLID RAW MATERIAL / FUEL TRANSFER & CONVEYING	c. Make & Model
	c. # of Units; Rated Capacity 3 ELEVATED CONVEYORS	f.	g. Auxiliary Equipment
3	a.	b.	c.
	c.	f.	g. Equipment
4	a. BURNERS	b. Type of Burner, Fuel	c. Make & Model
	c. # of Units; Ignition Method	f.	g. CFM Exhausted (Temperature) _____ (____ °F)
5	a. STACKS, VENTS, AND EXHAUST OPENINGS	b. Type of Vent	c. Dimensions
	c. # of Vents; Material of Construction	f.	g. CFM Exhausted (Temperature) _____ (____ °F)
6	a. TANKS AND KETTLES	b. Type of Tank, Material	c. Dimensions (LxWxH) in inches
	c. # of Tanks; Material of Construction	f.	g. Auxiliary Equipment
7	a. FANS	b. Type of Fan (designate blade)	c. Make & Model
	c. # of Fans; Material of Construction	f.	g. CFM Exhausted (Temperature) _____ (____ °F)
8	a. OVENS & FURNACES	b. Type of Oven or Furnace	c. Make & Model
	c. # of Ovens or Furnaces; Material of Construction	f.	g. CFM Exhausted (Temperature) _____ (____ °F)
9	a. OPERATIONAL DATA	b. Type of Operation <input checked="" type="checkbox"/> Batch <input type="checkbox"/> Continuous	c. Operating Schedule (normal) Shifts/Day: <input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3
	e. Duration of Batch (hrs/batch)	f.	g. Daily # of Batches avg _____ max AS NEEDED
10	a. CONVEYORS	b. Type of Conveyor (pneumatic, belt) BELT	c. Make & Model
	c. Dimensions (LxWxH) 36" WIDTH	f.	g. # of Pickups <input type="checkbox"/> 1 <input type="checkbox"/> 3 # of Discharge Points
11	a. GAS FLOW	b. Actual CFM	c. SCFM (Reg I Standard)
	c. Pressure Drop	f. Efficiency	g. Inlet and Outlet Pollutant Concentrations
12	a. ADDITIONAL DATA	b. <input type="checkbox"/> Attach Brochure	c. <input checked="" type="checkbox"/> Attach Plans/Specs
	e. <input checked="" type="checkbox"/> Submit Narrative Description of Process	f. <input type="checkbox"/> Submit Source Test Data	g. <input type="checkbox"/> Submit Modeling Data
	h. <input type="checkbox"/> Attach Emission Estimate (show calculation)	i. <input type="checkbox"/> Attach Schedule of Equipment with Make, Model, Capacity	j. <input type="checkbox"/>

Narrative
RAW MATERIALS/FUELS TRANSFER AND CONVEYING

This Notice of Construction application modifies current PSAPCA NOC No.2399 dated February 28, 1983 to apply to barge unloading, transfer and stockpiling of solid raw materials and fuels used in the manufacturing of Portland Cement; including conveyors and 3 baghouses existing prior to 1983.

The application includes the installation of three covered 36" conveyor for transferring solid raw materials and fuels. The added conveyors will be attached to the existing raw material conveyance system at Transfer Tower 11 and will extend south to the new storage yard. The materials will be offloaded from barges at Transfer Tower 9 and conveyed through Transfer Towers 10 and 11. As appropriate, the materials will be diverted at Transfer Tower 11 onto the new conveyor. The added conveyor will be elevated, reaching a maximum height of 55 feet. Dust Collectors are currently provided at the existing Transfer Towers 9, 10 and 11.

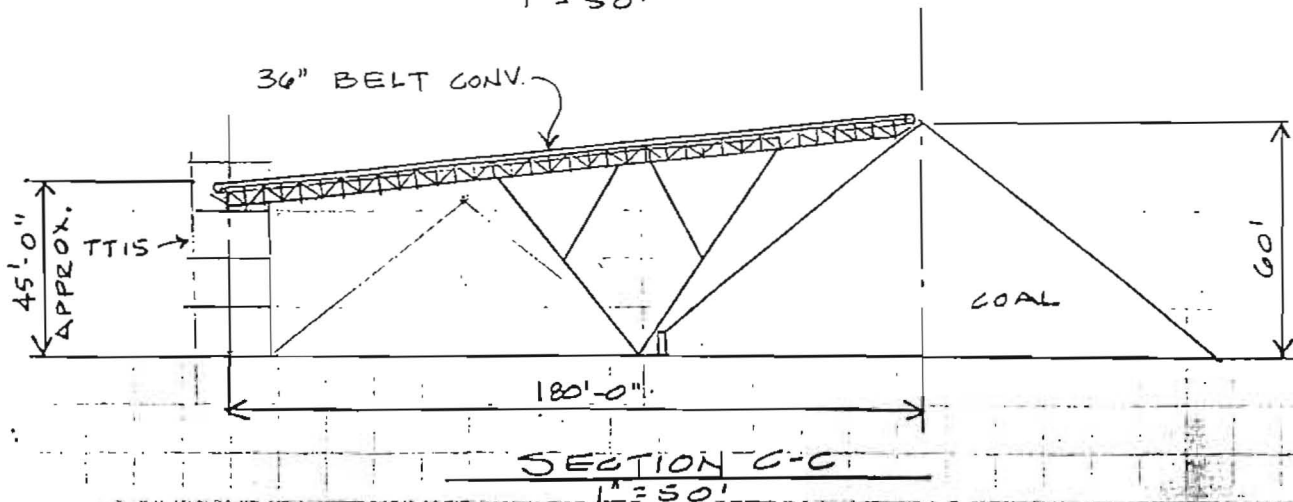
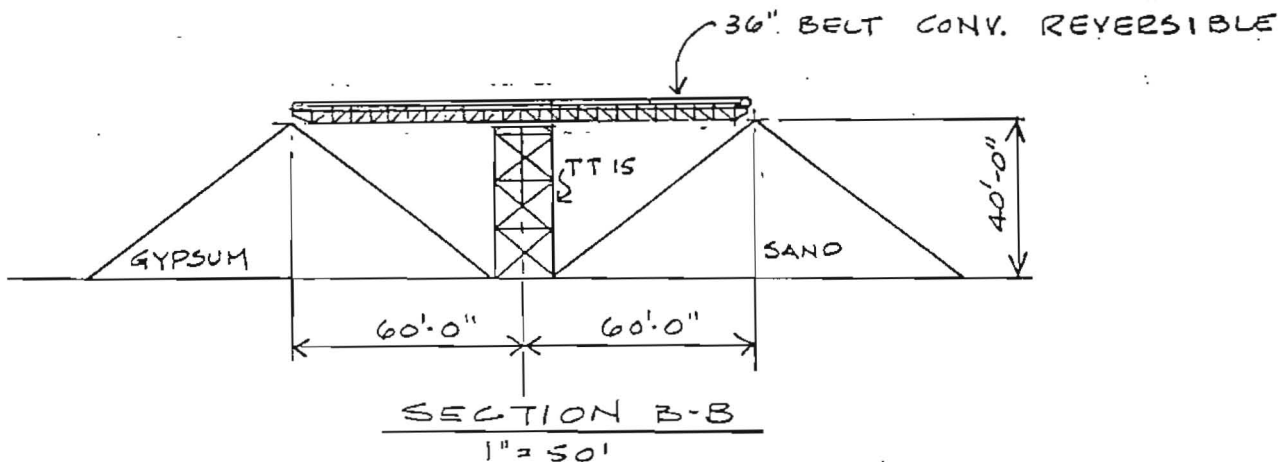
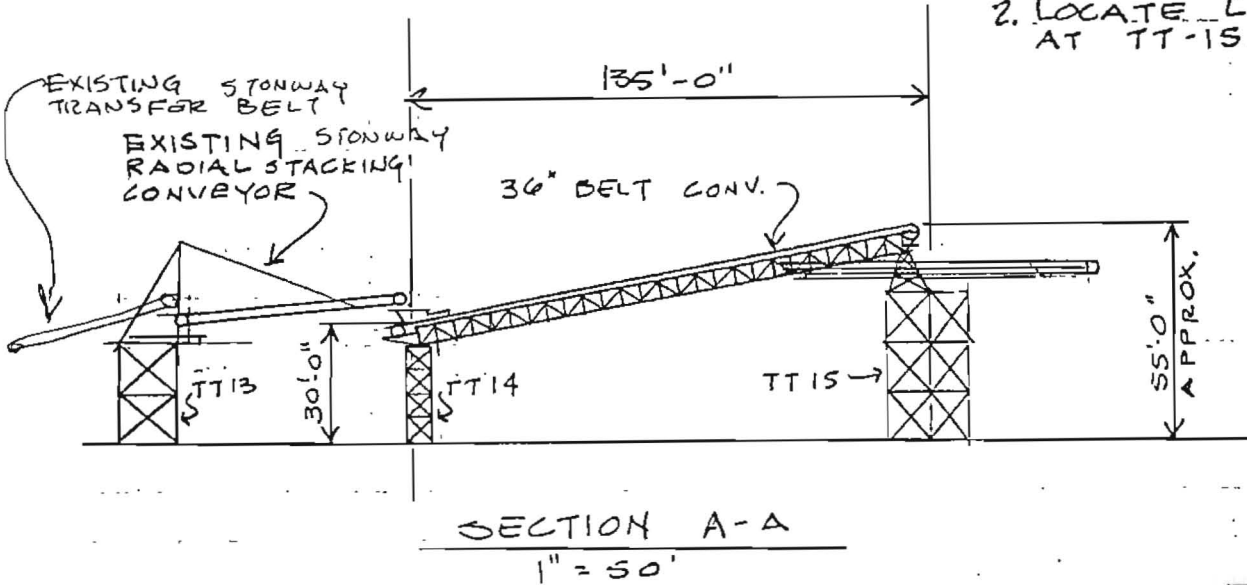
ASH GROVE CEMENT COMPANY



PROJECT: SAND/COAL/GYP JOB NO: _____
CONVEYORS

DATE: 1/24/94 BY: R. JONES PAGE 1 OF 2
REV 9/23/74

1. CONVEYORS TO HAVE WALKWAY ONE SIDE.
2. LOCATE LADDER AT TT-15.



PUGET SOUND AIR POLLUTION CONTROL AGENCY

110 Union Street, Suite 500

Seattle, Washington 98101

ENVIRONMENTAL CHECKLIST

WAIT - You may not need to fill out the attached checklist.
Please read and check the following:

Because of the State Environmental Policy Act, the action for which you are filing a Notice of Construction and Application for Approval to this Agency requires the completion of an environmental checklist.

BUT: If you can answer "yes" to either of the following questions with respect to the action being proposed, the attached checklist need not be completed:

1. I have obtained a State, City or County Permit and filled out an environmental checklist.

☐

Yes

☒

No

If you answered "yes", give State, City or County Department and date, and attach a copy of the checklist.

2. An environmental checklist or assessment has previously been filled out for another agency.

☐

Yes

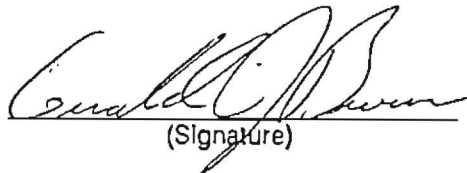
☒

No

If "yes", give agency and date, and attach a copy of the checklist.

If your answer to both of the above questions was "no", you must fill out the attached environmental checklist.

Prepared by:


(Signature)

Gerald J Brown
(Print Name)

Mgr Safety + Env
(Title)

Puget Sound Air Pollution Control Agency

110 Union Street, Suite 500
Seattle, Washington 98101
Telephone: (206) 343-8800
1-800-552-3635

Date: 10/19/94

Proponent: ASH GROVE CEMENT COMPANY

Project, Brief Title: SOLID RAW MATERIAL/FUEL TRANSFER AND CONVEYING

ENVIRONMENTAL CHECKLIST

Purpose of Checklist:

The State Environmental Policy Act (SEPA), Chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Serving:

King County
Knap County
Pierce County
Snohomish County

Anita J. Frankel, Air Pollution Control Officer

BOARD OF DIRECTORS

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Joe Skagit, Pierce County Executive
Karen Voth, Mayor, Tacoma

AGCS2M002465

SEA0868

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic areas," respectively.

TO BE COMPLETED BY THE APPLICANT

A. BACKGROUND

1. Name of proposed project, if applicable:

SOLID RAW MATERIALS/FUEL TRANSFER AND CONVEYING

2. Name of applicant: ASH GROVE CEMENT COMPANY

3. Address and phone number of applicant and contact person:

Name: GERALD J BROWN

Title: MANAGER SAFETY AND ENVIRONMENTAL

Firm: ASH GROVE CEMENT COMPANY

Telephone: (206) 623-5596

PO Box/Street: 3801 EAST MARGINAL WAY SOUTH

City/State/Zip: SEATTLE, WA 98134

4. Date checklist prepared: 10/19/94

5. Agency requesting checklist: PSAPCA

6. Proposed timing or schedule (including phasing, if applicable):

CONSTRUCTION COULD BEGIN IN DECEMBER 1994. THE PROJECT SHOULD BE COMPLETE BY THE END OF MARCH, 1995

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

NO

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

THE ENVIRONMENTAL CHECKLIST PREPARED IN DECEMBER, 1988 FOR CONSTRUCTION OF THE PLANT IS DECTLY RELATED TO THIS PROPOSAL.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

NONE

10. List any government approvals or permits that will be needed for your proposal, if known.

NONE

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.

INSTALL A COVERED CONVEYER ATTACHED TO THE EXISTING RAW MATERIAL TRANSFER SYSTEM AT THE TRANSFER TOWER #11 FOR CONVEYING SOLID RAW MATERIALS AND FUELS USED IN THE MANUFACTURING OF CEMENT. THE ADDED CONVEYERS WILL BE ELVATED AND INCLINE TO A MAXIMUM HEIGHT OF 55 FEET FROM GROUND LEVEL.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

THE LOCATION IS NEAR THE RECEIVING DOCK ON THE SW CORNER OF
ASH GROVE CEMENT PLANT, 3801 E MARGINAL WAY S, SEATTLE WA 98134.

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one) C Flat, rolling, hilly, steep slopes, mountainous, other: _____

- b. What is the steepest slope on the site (approximate percent slope)?
2 PERCENT

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.
HYDRUALIC DREDGE FILL OVERLYING ALLUVIAL SANDS AND SILTS WITH GLACIALLY CONSOLIDATED SANDY SILT AT CONSIDERABLE DEPTHS, ABOUT 200 FEET BELOW THE EXISTING GROUND SURFACE ELEVATION.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

NO

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

NONE

- f. Could erosion occur as a result of clearing, construction or use? If so, generally describe.

NO

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

N/A

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

N/A

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial, wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

NONE DURING CONSTRUCTION, MINOR AMOUNTS OF DURING THE STOCK PILING OF MATERIAL.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

NO

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

CONVEYERS WILL BE COVERED TO REDUCE WIND EFFECTS

3. Water

- a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

THE DUWAMISH RIVER FLOWS ALONG THE WEST BORDER OF THE PLANT SITE.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

CONVEYERS WILL BE ERECTED ADJACENT TO THE DUWAMISH RIVER @ 150 FEET FROM THE WATER.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

NONE

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

NO

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

NO

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

NO

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose and approximate quantities if known.

NO

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals...; agricultural; etc.). Describe the general size of the systems, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

NONE

c. Water Runoff (including storm water):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

STORM WATER RUN-OFF WILL CONTINUE TO BE COLLECTED IN THE EXISTING PLANT STORM WATER SYSTEM.

2) Could waste material enter ground or surface waters? If so, generally describe.

NO

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

NONE

4. Plants

a. Check or circle types of vegetation found on the site:

- ☒ deciduous tree: alder, maple, aspen, other
- ☒ evergreen tree: fir, cedar, pine, other
- ☒ shrubs
- ☒ grass
- ☒ pasture
- ☐ crop or grain
- ☐ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- ☐ water plants: water lily, eelgrass, milfoil, other
- ☐ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

NONE

c. List threatened or endangered species known to be on or near the site.

NONE

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

NONE

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

NONE

Birds: hawk, heron, eagle, songbirds, other:

Mammals: deer, bear, elk, beaver, other:

Fish: bass, salmon, trout, herring, shellfish, other:

- b. List any threatened or endangered species known to be on or near the site.

NONE

- c. Is the site part of a migration route? If so, explain.

NO

- d. Proposed measures to preserve or enhance wildlife, if any:

NONE

6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

ELECTRICAL CONVEYER DRIVE MOTORS.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

NO

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

NONE

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

- 1) Describe special emergency services that might be required.

NONE

- 2) Proposed measures to reduce or control environmental health hazards, if any:

NONE

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

VARIOUS PIECES OF HEAVY MACHINERY ARE LOCATED AT THE PLANT SITE.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)?
Indicate what hours noise would come from the site.

NONE

- 3) Proposed measures to reduce or control noise impacts, if any:

N/A

8. Land and Shoreline use

a. What is the current use of the site and adjacent properties?

HEAVY MANUFACTURING

b. Has the site been used for agriculture? If so, describe.

NO

c. Describe any structures on the site.

AT THE SITE ARE A 14 FOOT DIAMETER CEMENT KILN, 260 FOOT TALL PREHEATER TOWER, RAW MATERIAL SILOS, CLINKER STORAGE SILOS AND SHED, CEMENT STORAGE SILOS, RAW MILL BUILDING, FINISH MILL BUILDING, PACKHOUSE BUILDING, MOTOR CONTROL CENTERS, PLANT OFFICE AND SALES OFFICE.

d. Will any structures be demolished? If so, what?

NO

e. What is the current zoning classification of the site?

GENERAL INDUSTRIAL 1 (IG 1)

f. What is the current comprehensive plan designation of the site?

INDUSTRIAL

g. If applicable, what is the current shoreline master program designation of the site?

URBAN INDUSTRIAL (UI)

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

NO

i. Approximately how many people would reside or work in the completed project?

NONE

j. Approximately how many people would the completed project displace?

NONE

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

N/A

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

N/A

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

N/A

- c. Proposed measures to reduce or control housing impacts, if any:

N/A

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

55 FEET

- b. What views in the immediate vicinity would be altered or obstructed?

NONE

- c. Proposed measures to reduce or control aesthetic impacts, if any:

N/A

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

NONE

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

NO

- c. What existing off-site sources of light or glare may affect your proposal?

NONE

- d. Proposed measures to reduce or control light and glare impacts, if any:

NONE

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

NONE

- b. Would the proposed project displace any existing recreational uses? If so, describe.

NO

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

N/A

13. Historic and Cultural Preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

NO

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

DOES NOT APPLY

- c. Proposed measures to reduce or control impacts, if any:

DOES NOT APPLY

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

EAST MARGINAL WAY SERVES THE SITE. ACCESS IS BY WAY OF AN EXISTING DRIVEWAY ENTRANCE AT THE NORTHEAST CORNER OF THE PROPERTY.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

NO, THE CLOSEST TRANSIT STOP IS 1000 FEET AWAY.

- c. How many parking spaces would the completed project have? How many would the project eliminate?

WILL NOT CHANGE FROM THE CURRENT LEVELS.

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

NO

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

NO

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

NONE

g. Proposed measures to reduce or control transportation impacts, if any:

NONE

15. Public Services

a. Would the project result in an increased need for public services (for example, fire protection, police protection, health care, schools, other)? If so, generally describe.

NO

b. Proposed measures to reduce or control direct impacts on public services, if any.

N/A

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

b. Describe the utilities that are proposed for the project, the utility providing the service, and service, and the general construction activities on the site or in the immediate vicinity which might be needed.

NONE

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Gerald A. Brown

Date Submitted: 10/18/94

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(Do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substance; or production of noise?

SMALL AMOUNTS OF FUGITIVE DUST COULD BE GENERATED DURING CONVEYANCE OF MATERIAL

Proposed measures to avoid or reduce such increase are:

CONVEYERS WILL BE COVERED

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

THE PROPOSAL WILL HAVE NEGLIGABLE IMPACT

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

N/A

3. How would the proposal be likely to deplete energy or natural resources?

THE PROPOSAL WILL RESULT IN A NEGLIGABLE INCREASE IN ENERGY CONSUMPTION OF THE PLANT.

Proposed measures to protect or conserve energy and natural resources are:

REDUCE VEHICULAR TRAFFIC AND FUEL CONSUMPTION.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

DOES NOT APPLY

Proposed measures to protect such resources or to avoid or reduce impacts are:

DOES NOT APPLY

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

DOES NOT APPLY

Proposed measures to avoid or reduce shoreline and land use impacts are:

DOES NOT APPLY

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

IT WILL NOT INCREASE DEMAND IN TRANSPORTATION, SERVICES OR POWER CONSUMPTION

Proposed measures to reduce or respond to such demand(s) are:

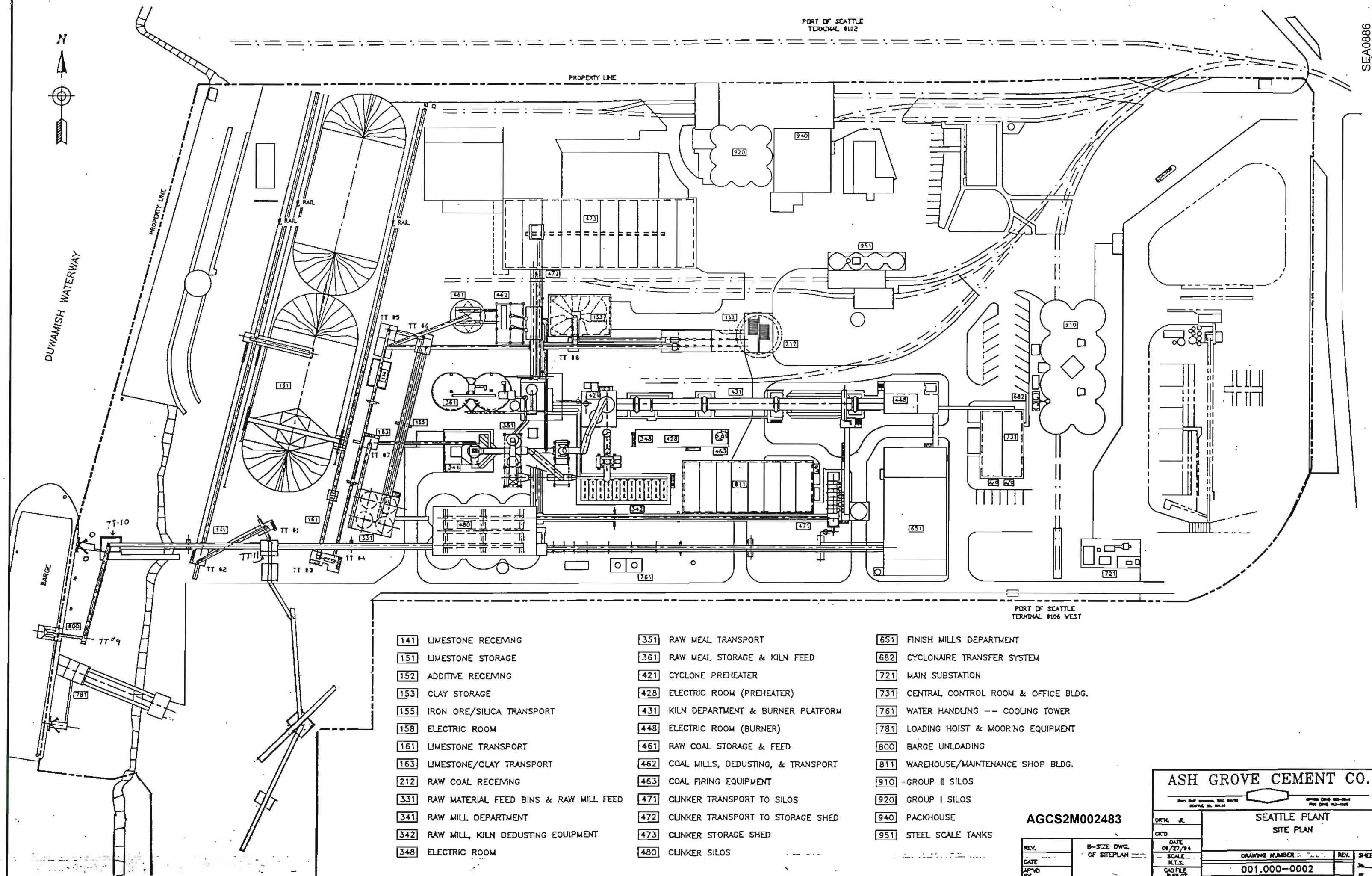
N/A

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

DOES NOT APPLY

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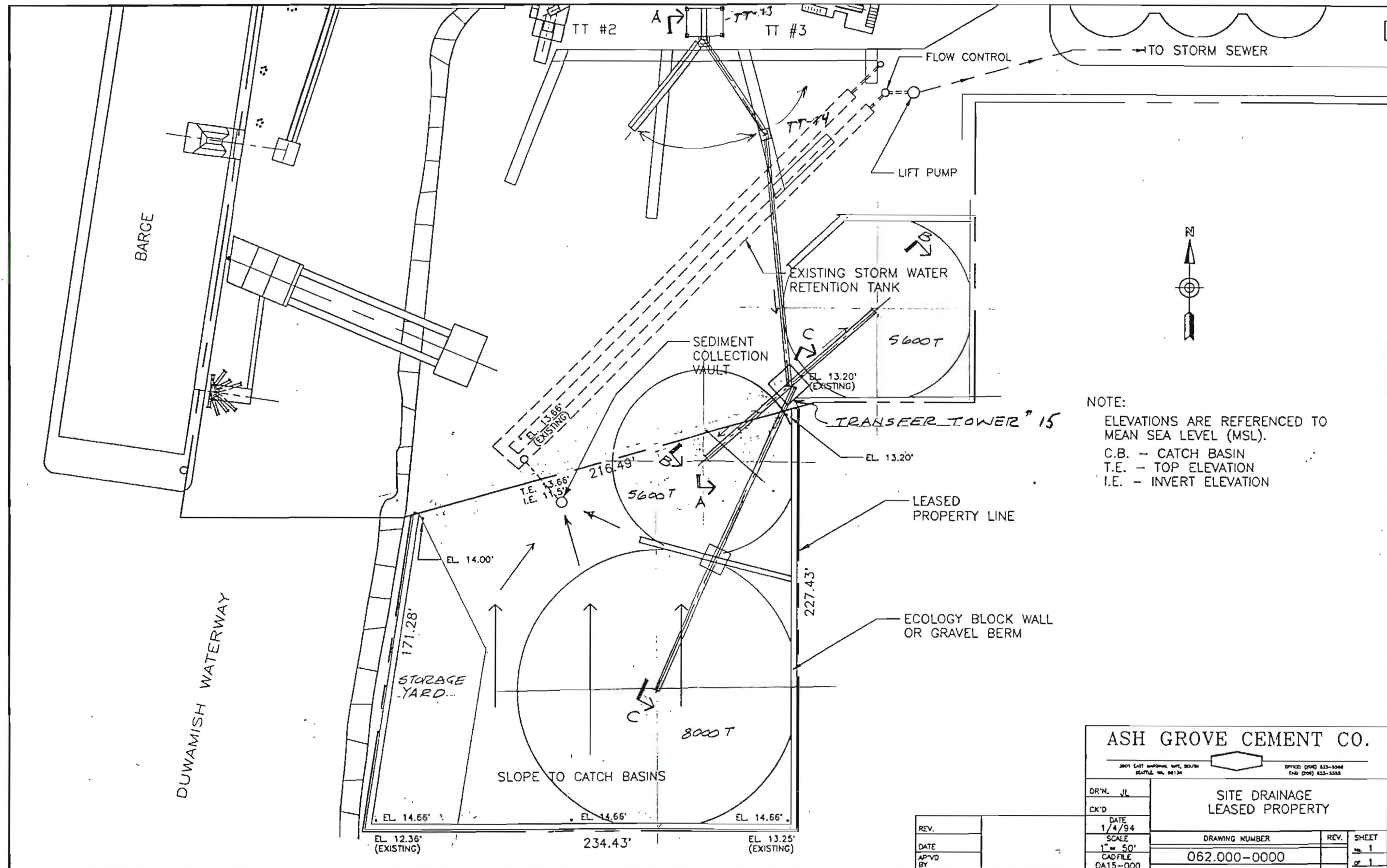
REV. _____
DATE _____
APPROVED BY _____

B-SIZE DWG.
OF SITEPLAN

ASH GROVE CEMENT CO.

SEATTLE PLANT
SITE PLAN

DRAWING NUMBER 001.000-0002
REV. SHEET



NOTE:

ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL (MSL).

C.B. - CATCH BASIN

T.E. - TOP ELEVATION

I.E. - INVERT ELEVATION

ASH GROVE CEMENT CO.

2801 EAST WASHINGTON, SUITE 200/201
SEATTLE, WA 98134

OFFICE (206) 823-8300
FAX (206) 823-8358

DR'N. JL	SITE DRAINAGE LEASED PROPERTY		
CK'D			
DATE 1/4/94	DRAWING NUMBER 062.000-0000		REV. SHEET 1 1
SCALE 1" = 50'			
CAD FILE DA15-000			

REV 9/23/94

AGCS2M002484